IN THE CLAIMS:

1.   (currently amended) A method of decompression a compressed encoded SIF (source input format) video signal, the method comprising:

      decoding (7) the compressed encoded SIF video signal to obtain a decoded video signal; and

      post-processing the decoded video signal by temporal up-conversion (10) and, prior to said temporal up-conversion (10), spatial enhancement (9).

2.   (original) A method as claimed in claim 1, wherein a spatial up-conversion (8) is conducted prior to said spatial enhancement (9).

3.   (original) A method as claimed in claim 2, wherein said spatial up-conversion (8) comprises a vertical up-conversion (13) conducted prior to said spatial enhancement (9), a horizontal spatial up-conversion (14) being conducted after said temporal up-conversion (10) respectively.

4.   (original) A method as claimed in claim 1, wherein said spatial enhancement (9) comprises spatial edge enhancement.

5.   (original) A method as claimed in claim 4, wherein said spatial edge enhancement (9) is carried out by peaking filtering.

6.   (original) A method as claimed in claim 5, wherein said peaking filtering is controlled by a spread of pixel values.

7.   (currently amended) A decoder for decompression a compressed encoded SIF (source input format) video signal, the decoder comprising:

decoding means (7) for decoding the compressed encoded SIF video signal to obtain a decoded signal; and

means for post-processing the decoded signal, the means for post-processing comprising temporal up-conversion means (10) and spatial enhancement means (9) coupled in between said decoding means (7) and said temporal up-conversion means (10).

8.   (original) A decoder as claimed in claim 7, the decoder further comprising means for spatial up-conversion (8) prior to said spatial enhancement means (9).

9.   (original) A decoder as claimed in claim 8, wherein said spatial up-conversion means (8) comprises vertical up-conversion means (13) prior to said spatial enhancement means (9), the decoder further comprising horizontal spatial up-conversion means (14) after said temporal up-conversion means (10) respectively.

10.   (original) A video recording or reproduction device comprising a decoder according to claim 7.